

Selected file: PLUSPAT

**\*\* SS 1: Results 1**

1 / 1 PLUSPAT - @QUESTEL-ORBIT

PN - US6000374 A 19991214 [US6000374]  
TI - (A) Multi-cycle, engine braking with positive power valve  
actuation control system and process for using the same  
PA - (A) DIESEL ENGINE RETARDERS INC (US)  
IN - (A) COSMA GHEORGHE (US); USKO JAMES (US)  
AP - US99761097 19971223 [1997US-0997610]  
PR - US99761097 19971223 [1997US-0997610]  
IC - (A) F02D-013/04  
EC - F01L-013/00D6  
F01L-013/06  
F02D-013/04  
PCL - ORIGINAL (O) : 123321000  
DT - Corresponding document  
CT - US3220392; US4572114; US4688384; US5117790; US5146890; US5150678;  
US5183018; US5404851; US5406918; US5460131; US5477824; US5479890;  
US5537976; US5586531; US5619965; US5626116; US5680841; US5692469;  
US5724939; US5803038; US5816216; US5829397; US5839453  
STG - (A) United States patent  
  
AB - An apparatus and method for effectuating multi-cycle engine  
braking is disclosed. The present invention controls the operation  
of the engine valves to permit more than one compression release  
event during a single engine operating cycle. The apparatus  
includes an assembly for operating at least one exhaust valve of  
an engine cylinder during a positive power operation. The  
apparatus further includes an assembly for operating at least one  
intake valve of the engine cylinder. The apparatus further  
including an assembly for operating the at least one exhaust valve  
during an engine braking operation.

1 / 1 LGST - @LEGSTAT

PN - US 6000374 [US6000374]  
AP - US 997610/97 19971223 [1997US-0997610]  
DT - US-P  
ACT - 19971223 US/AE-A  
APPLICATION DATA (PATENT)  
US 997610/97 19971223 [1997US-0997610]  
  
19991214 US/A  
PATENT  
UP - 2000-04

1 / 1 CRXX - @CLAIMS/RRX

PN - 6,000,374 A 19991214 [US6000374]  
PA - Diesel Engine Retarders Inc  
ACT - 20011213 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020402  
REISSUE REQUEST NUMBER: 10/013988  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3747

Reissue Patent Number:

1 / 1 PAST - @Thomson Derwent  
AN - 200214-001619  
PN - 6000374 A [US6000374]  
OG - 2002-04-02  
ACT - REISSUE APPLICATION FILED

Selected file: INPADOC

**\*\* SS 1: Results 4**

1 / 4 INPADOC - @INPADOC  
PN - EP 1042598 A1 20001011 [EP1042598]  
TI - ENGINE BRAKING WITH POSITIVE POWER VALVE ACTUATION  
LA - ENG  
IN - COSMA GHEORGHE [US]; USKO JAMES N [US]  
PA - DIESEL ENGINE RETARDERS INC [US]  
AP - EP 98961859/98-A 19981202 [1998EP-0961859]  
PR - WO 9825502/98(US)-W 19981202 [1998WO-US25502]  
US 997610/97-A 19971223 [1997US-0997610]  
IC - F02D-013/04  
DS - DE\* FR\* GB\* IT\*

1 / 1 LEGALI - @LEGSTAT  
PN - EP 1042598 [EP1042598]  
AP - EP 98961859/98 19981202 [1998EP-0961859]  
DT - EP-P  
ACTE - 19981202 EP/AE-A  
EP-APPLICATION  
EP 98961859/98 19981202 [1998EP-0961859]  
  
20001011 EP/AK-A1 [+]  
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH  
REPORT:  
DE FR GB IT  
  
20001011 EP/A1 [+]  
PUBLICATION OF APPLICATION WITH SEARCH REPORT  
  
20001011 EP/17P [+]  
REQUEST FOR EXAMINATION FILED  
20000724  
UP - 2000-41

2 / 4 INPADOC - @INPADOC  
PN - JP 2001527182 T2 20011225 [JP2001527182]  
AP - JP 2000525673/00-A 19981202 [2000JP-0525673]  
PR - US 997610/97-A 19971223 [1997US-0997610]  
WO 9825502/98(US)-W 19981202 [1998WO-US25502]  
IC - F02D-013/04; F01L-013/06; F02D-013/02

3 / 4 INPADOC - @INPADOC  
PN - US 6000374 A 19991214 [US6000374]  
TI - MULTI-CYCLE, ENGINE BRAKING WITH POSITIVE POWER VALVE ACTUATION  
CONTROL SYSTEM AND PROCESS FOR USING THE SAME  
IN - COSMA GHEORGHE [US]; USKO JAMES [US]  
PA - DIESEL ENGINE RETARDERS INC [US]

AP - US 997610/97-A 19971223 [1997US-0997610]  
PR - US 997610/97-A 19971223 [1997US-0997610]  
IC - F02D-013/04

1 / 1 LEGALI - @LEGSTAT  
PN - US 6000374 [US6000374]  
AP - US 997610/97 19971223 [1997US-0997610]  
DT - US-P  
ACTE - 19971223 US/AE-A  
APPLICATION DATA (PATENT)  
US 997610/97 19971223 [1997US-0997610]  
  
19991214 US/A  
PATENT  
UP - 2000-04

4 / 4 INPADOC - @INPADOC  
PN - WO 9932773 A1 19990701 [WO9932773]  
TI - ENGINE BRAKING WITH POSITIVE POWER VALVE ACTUATION  
LA - ENG  
IN - COSMA GHEORGHE; USKO JAMES N  
PA - DIESEL ENGINE RETARDERS INC [US]  
AP - WO US 9825502/98(US)-A 19981202 [1998WO-US25502]  
PR - US 997610/97-A 19971223 [1997US-0997610]  
IC - F02D-013/04  
DS - JP\* KR\* AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

1 / 3 LEGALI - @LEGSTAT  
PN - JP 525673/2000  
AP - JP 525673/2000 0 [2000JP-0525673]  
DT - JP-A  
ACTE - 20000623 JP/REFW-P  
CORRESPONDS TO PCT APPLICATION  
<WO 9932773> WO9932773  
UP - 2002-09

2 / 3 LEGALI - @LEGSTAT  
PN - KR 2000707067 [KR2000707067]  
AP - KR 2000707067 - [2000KR-0707067]  
DT - KR-A  
ACTE - 20000623 KR/REFW-P  
CORRESPONDS TO PCT APPLICATION  
<WO 9932773> [WO9932773]  
UP - 2001-39

3 / 3 LEGALI - @LEGSTAT  
PN - WO 9932773 [WO9932773]  
AP - WO 9825502/98(US) 19981202 [1998WO-US25502]  
DT - WO-P  
ACTE - 19981202 WO/AE-A  
APPLICATION DATA  
WO 9825502/98(US) 19981202 [1998WO-US25502]  
  
19990701 WO/AK-A1 [+]  
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH  
REPORT  
JP KR

19990701 WO/AL-A1 [+]  
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED  
APPLICATION WITH SEARCH REPORT  
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

19990701 WO/A1 [+]  
PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE  
INTERNATIONAL SEARCH REPORT

19990901 WO/121  
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN  
THIS APPLICATION

19990916 WO/DFPE  
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF  
19TH MONTH FROM PRIORITY DATE

20000623 WO/ENP-A  
ENTRY INTO THE NATIONAL PHASE IN:  
<JP 00525673>

20000623 WO/ENP-A  
ENTRY INTO THE NATIONAL PHASE IN:  
<KR 002000707067>

UP - 2002-09

Session finished: 06 MAY 2002 Time 16:37:19